INTERNATIONAL SEARCH REPORT

Inte Application No PCT/GB2004/002506

	,FC1/4B200	17 002505
PC 7	AG1F9/00 A45C11/00 B08B11/02	
According to 1	nternational Patoni Classification (IPC) or to both national classification and IPC	
	CAROURN	
IPC 7	umentation searched (dessitionallon system followed by clarentestion symbols) A61F A45C B08B	
	n searched other than minimum documentation to the extent that such documents are included. In the fields a	
	ta base consulted during the internstional search (name of data base and, where practical, search forms uso	d)
	ernal, WPI Data, PAJ	
C. DOCUM	NTB CONSIDERED TO BE RELEVANT	Relavant to daim No.
Catagory *	Challen of document, with indication, where appropriate, of the misward passages	1 Idibatelle un paritti i see
	US 2002/163212 A1 (PY DANIEL)	1-16,18
A Y	7 November 2002 (2002-11-07) columns 41-64; claims; figures	17
A	US 4 093 291 A (SCHURGIN HERBERT L)	1-16,18
 Y	6 June 1978 (1978-06-06) column 2, line 42 - column 3, line 2;	17
A	Claims; figures US 4 201 408 A (TRESSEL WILLARD)	1-18
	6 May 1980 (1980-05-06) cited in the application claims; figures	
A	US 3 600 028 A (HENNING WILHELM) 17 August 1971 (1971-08-17) claims; figures	1-18
	-/	
X Fu	rither documents are limited in the continuation of box C. X Patent family members are list	ed in annex.
"A" doous "E" earlie "L" docus "C" docus "O" docus "O" docus "O" docus "P" docus	restogeness of cited documents: The start document published effor the art which is not effected to be of particular relevances or document but published on or after the international or got of particular relevances or document but published on or after the international or document but published on or after the international or document of particular relevance; it is not of the cited to establish the publication date of enotition or other epectal reason (as epectified) cannot be considered novel or earnot be	In claimed invention a document is triven alone to claimed invention in inventive step when the r more other stock docu- bylous to a person sidled
1		

Construction DOCUMENTS CONSUMERS TO BE RELEVANT		INTERNATIONAL SEARCH REPORT	Inte Lapiton PCT/GB2004/	100 No 1002506
A US 4 026 591 A (CLEAVELAND JOHN A) 31 May 1977 (1977-05-31) claims; figures A US 3 091 328 A (LEONARDOS PRISCILLA A) 28 May 1963 (1963-05-28) claims; figures A US 5 236 236 A (GIRIMONT JOHN V) 17 August 1993 (1993-08-17) claims; figures A US 4 427 226 A (SHARTZER EWART E) 24 January 1984 (1984-01-24) cited in the application the whole document A EP 0 778 656 A (SMC CORP) 11 June 1997 (1997-06-11) cited in the application	C.(Continu	ITION) DOCUMENTS CONSIDERED TO BE RELEVANT		
31 May 1977 (1977-05-31) claims; figures A US 3 091 328 A (LEONARDOS PRISCILLA A) 28 May 1963 (1963-05-28) claims; figures A US 5 236 236 A (GIRIMONT JOHN V) 17 August 1993 (1993-08-17) claims; figures A US 4 427 226 A (SHARTZER EWART E) 24 January 1984 (1984-01-24) cited in the application the whole document A EP 0 778 656 A (SMC CORP) 11 June 1997 (1997-06-11) cited in the application	Category *	Citation of document, with indication, where appropriate, of the relevant passages	Re	levent to claim No.
28 May 1963 (1963-05-28) claims; figures A US 5 236 236 A (GIRIMONT JOHN V) 17 August 1993 (1993-08-17) claims; figures A US 4 427 226 A (SHARTZER EWART E) 24 January 1984 (1984-01-24) cited in the application the whole document A EP 0 778 656 A (SMC CORP) 11 June 1997 (1997-06-11) cited in the application	A	31 May 1977 (1977-05-31)		1-18
17 August 1993 (1993-08-17) claims; figures US 4 427 226 A (SHARTZER EWART E) 24 January 1984 (1984-01-24) cited in the application the whole document A EP 0 778 656 A (SMC CORP) 11 June 1997 (1997-06-11) cited in the application	A	28 May 1963 (1963-05-28)		1–18
24 January 1984 (1984-01-24) cited in the application the whole document A EP 0 778 656 A (SMC CORP) 11 June 1997 (1997-06-11) cited in the application	A	17 August 1993 (1993-08-17)		1-18
11 June 1997 (1997-06-11) cited in the application	A	24 January 1984 (1984-01-24) cited in the application		1–18
	A	11 June 1997 (1997-06-11) cited in the application		1
]			•

Form PCT/IBA/210 (continuation of popular sheet) (January 2004)

	INTERNATIONAL SEARCH REPORT					Inte Application No PCT/GB2004/002506		
•	Patent docume died in search re		Publication date		Patent family member(e)		Publication date	
	US 2002163	212 A1	07-11-2002	US BR CA EP WO	200421220 020937 244597 139310 0208878	2 A 7 A1 D A2	28-10-2004 29-06-2004 07-11-2002 03-03-2004 07-11-2002	
	US 4093291	A	06-06-1978	NONE		——————————————————————————————————————		
	US 4201408	A	06-05-1980	NONE			AND THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON N	
	US 3600028	A	17-08-1971	DE	191242:	l B	29-01-1970	
	· US -4026591·	·A ·	-31-05-1977	···NONE			enter I sur de de	
	US 3091328	A	28-05-1963	NONE				
	US 5236236	A	17-08-1993	US	5415275	5 A	16-05-1995	
	US 4427226	A	24-01-1984	NONE				
	EP 0778656	A	11-06-1997	US CA DE DE EP JP	5726508 2183364 69606838 69606838 0778656 3377709 9192944	A1 B D1 B T2 B A1 B B2	10-03-1998 07-06-1997 06-04-2000 17-08-2000 11-06-1997 17-02-2003 29-07-1997	